Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	104	extract$4 same bump same (position or location)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 14:59
S2	95	(bump near5 map near5 application)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 15:18
S4	90	(bump near5 map near5 application) and (extract$4 same data)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 15:18
S6	2	extract$4 same bump same (position or location) and "716"/$. ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 15:32
S8	2	extract$4 same bump same (position or location) and "716"/$. ccls. and extract$4 and bump	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:04
S9	95	(bump near5 map near5 application)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/03 15:34
S10	5	("5224208" | "5809219" | "5864344" | "5900881" | "5956043").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 16:58
S11	5	("5224208" | "5809219" | "5864344" | "5900881" | "5956043").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 17:02
S13	1	extract$4 same data same (bump adj map) same (position or location)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:04
S14	23	data same (bump adj map) same (position or location)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:13
S16	23	data same (bump adj map) same (position or location)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:06
S17	9	S16 and rout$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:08
S18	6	S16 and rout$3 and dimension and shade and color	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:09
S19	3	S18 and column and row	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:09
S20	11	data same (bump adj map) same (position or location) and extract$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/28 17:13

S21	7	("5739818" | "5786822" | "5808619" | "5880736" | "5949424" | "6175368" | "6654013").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 11:30
S23	1010	(extract$3 or conver$5) same bump same (position or location or coordinat$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 11:32
S24	57	(extract$3 or conver$5) same (bump adj map$4) same (position or location or coordinat$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 11:32
S25	49	(extract$3 or conver$5) same (bump adj map$4) same (position or location or coordinat$4) same (data or vector)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 11:40
S26	4	(extract$3 or conver$5) same (bump adj map$4) same (position or location or coordinat$4) same (data or vector) and label and (data adj structure)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 11:33
S27	4	(extract$3 or conver$5) same (bump adj map$4) same (position or location or coordinat$4) same (data or vector) and label and (data adj structure) and display	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 11:34
S28	3	(extract$3 or conver$5) same (bump adj map$4) same (position or location or coordinat$4) same (data or vector) and label and (data adj structure) and display and interface	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 11:34
S29	3	(extract$3 or conver$5) same (bump adj map$4) same (position or location or coordinat$4) same (data or vector) and label and (data adj structure) and display and (interface same user)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 11:35
S36	1588	(data adj extract$5) and router	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 13:59
S37	45	(data adj extract$5) same (data adj structure) and router	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 14:00
S38	34	(data adj extract$5) same (data adj structure) and (position or location or coordinat$4) and (I/O or input/output or (input near5 output))and router	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 14:03

S43	185	(bump near9 map$5) and (transform$7 or convers$7 or extract$4) and (geometr$4 or location or position or coordinat$5) and (routing or router) and (change or edit or modif$7)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 14:52
S44	3	(bump near9 map$5) and (transform$7 or convers$7 or extract$4) and (geometr$4 or location or position or coordinat$5) and (routing or router) and (change or edit or modif$7) and (colum and row same (data or text$6 or shade or color))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 14:40
S45	174	(bump near9 map$5) and (transform$7 or convers$7 or extract$4) and (geometr$4 or location or position or coordinat$5) and (routing or router) and (change or edit or modif$7) and display	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 14:41
S46	2074	texture and (transform$7 or convers$7 or extract$4) and (geometr$4 or location or position or coordinat$5) and (routing or router) and (change or edit or modif$7)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 14:53
S47	4	S46 and "716"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 14:53
S49	1	(textual near10 table) same (metal adj layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 16:38
S50	54	345/584.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 16:43
S51	12	345/584.ccls. and layer	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 16:40
S52	0	345/584.ccls. and metal adj layer	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 16:43
S53	2	345/584.ccls. and layer and metal	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 16:41
S54	2950	345/426-588.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 16:43
S55	108262	24and metal adj layer	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/29 16:44

S57	4662	extract$4 same (bump or pin or I/o or (input/out)) same (position or location)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:00
S58	15	extract$4 same (bump or pin or I/o or (input/out)) same (position or location) same (routing or router)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:03
S59	15	extract$4 same (bump or pin or I/o or (IO bump)or (input/out)) same (position or location) same (routing or router)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:06
S60	537	extract$4 same data same (bump or pin or I/o or (IO bump)or (input/out)) same (position or location)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:07
S61	24	extract$4 same data same (bump or pin or I/o or (IO bump)or (input/out)) same (position or location) and textual	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:13
S62	18	extract$4 same data same bump same (position or location)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:36
S63	1071	((extract$4 or conver$5 or transform$5) near15 data) same (bump or pin or ball) same (position or location or coordinat$5 or co-ordinat$5 or geometr$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:39
S64	4057	(bump or pin or ball) same (display$4 and (textual or table))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:44
S65	139	S63 and S64	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:41
S66	74	S65 and rout$5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:41
S67	73	S66 and (change or edit or modif$6)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:42
S68	59	S66 and (change or edit or modif$6)same (position or location or coordinat$5 or co-ordinat$5 or geometr$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:42
S69	128	(bump) same (display$4 and (textual or table))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:44
S70	8	S69 and S63	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:48

S71	94	bump near4 map near4 application	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/09/30 15:49
S72	12	(bump near4 map).ti.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/01 13:53
S73	515978	(bump or pin or bitmap or bit-map or ball) same (location or position or coordinat$3 or co-ordinat$4 or geometr$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/01 13:55
S74	5838	((flip adj chip) or flipchip or flip-chip) and S73	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/01 15:21
S76	2506	S74 and (metal near10 layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/01 15:22
S77	367	S76 and table	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/01 15:22
S78	188	S77 and (extract$4 or conver$6 or transform$7)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/01 15:22
S79	43	S78 and (change or edit or modif$6) same table	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 09:54
S81	147	(bump near5 map) and (data with extract$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/03 15:34
S82	97	(bump near5 map) and (data with extract$5) and (router or routing)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/03 15:34
S83	516134	(bump or pin or bitmap or bit-map or ball) same (location or position or coordinat$3 or co-ordinat$4 or geometr$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 09:55
S84	5844	((flip adj chip) or flipchip or flip-chip) and S83	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 09:55
S85	2508	S84 and (metal near10 layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 09:55
S86	367	S85 and table	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 09:55
S87	188	S86 and (extract$4 or conver$6 or transform$7)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 09:55

S88	43	S87 and (change or edit or modif$6) same table	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 09:55
S89	15	S88 and bump	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 11:03
S90	0	S89 and (bump near5 map)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 09:55
S92	4708	(extract$4 or convert$4 or tranform) same (position or location or coordinate or co-ordinate) same (input/output or I/O or (input near2 output)) same data	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 11:06
S93	38	(extract$4 or convert$4 or tranform) same (position or location or coordinate or co-ordinate) same (input/output or I/O or (input near2 output)) same (data adj structure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 11:10
S94	14	(extract$4 or convert$4 or tranform) same (position or location or coordinate or co-ordinate) same (input/output or I/O or (input near2 output)) same circuit same (data adj structure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 15:01
S95	15	(extract$4 or convert$4 or tranform$5) same (position or location or coordinate or co-ordinate or origin) same (input/output or I/O or (input near2 output)) same circuit same (data adj structure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/04 15:02
S97	1289	(routing or router) same (bump or pin or pad or ball) and (metal near5 layer)	USPAT	OR	ON	2005/10/04 15:15
S99	24	(routing or router) same (bump or pin or pad or ball) and (metal near5 layer) and label and table	USPAT	OR	ON	2005/10/04 15:16
S100	13	(routing or router) same (bump or pin or pad or ball) and (metal near5 layer) and label and table and (extract$5 or transform$6 or convert$5) and data	USPAT	OR	ON	2005/10/04 15:18
S101	11	(routing or router) same (bump or pin or pad or ball) and (metal near5 layer) and label and table and (extract$5 or transform$6 or convert$5) same data	USPAT	OR	ON	2005/10/04 15:19

S10 3	175	(routing or router) same (bump or pin or pad or ball) and (metal near5 layer) and ((extract$5 or transform$6 or convert$5) same data)	USPAT	OR	ON	2005/10/04 15:19
S10 4	17	(routing or router) same (bump or pin or pad or ball) and (metal near5 layer) and ((extract$5 or transform$6 or convert$5) same data) and ((flip adj chip) or flip-chip or flipchip)	USPAT	OR	ON	2005/10/04 15:23
S10 7	2	(routing or router) same (bump or pin or pad or ball) and (metal near5 layer) and ((extract$5 or transform$6 or convert$5) same data) and (bump near5 map$4)	USPAT	OR	ON	2005/10/04 16:43
S10 8	2	(routing or router) same (bump or pin or pad or ball) and (metal near5 layer) and ((extract$5 or transform$6 or convert$5) same data) and (bump near5 map$4) and (origion or coordinate or co-ordinate)	USPAT	OR	ON	2005/10/04 18:13
S11 2	31	(bump adj map$3 adj application)	USPAT	OR	ON	2005/10/04 18:29
S11 3	2	(bump adj map$3) same extract$4 same data	USPAT	OR	ON	2005/10/04 18:29